

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

10605909

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

TOTAL CLAIMS		
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	9 minus 20 =	*
INDEPENDENT CLAIMS	1 minus 3 =	*
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

RATE	FEE		RATE	FEE
BASIC FEE	385.00	OR	BASIC FEE	770.00
XS 9=		OR	XS18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL		OR	TOTAL 770	

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	* 12	Minus	** 20	=
	Independent	* 4	Minus	*** 3	= 1
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
XS 9=		OR	XS18=	
X43=		OR	X86=	200
+145=		OR	+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE 200	

(Column 1) (Column 2) (Column 3)

AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
XS 9=		OR	XS18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

(Column 1) (Column 2) (Column 3)

AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
XS 9=		OR	XS18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

BEST AVAILABLE COPY

Whereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 7, 2005

Jacquelyn P. Bojin

Docket No.: 132446
Serial No.: 10/605,909

Attorney Docket No. 132446



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of

ROBERT ALLEN AHTI et al

Serial No.: 10/605,909

Filed: November 5, 2003

:

: Confirmation No. 2908

: Group Art Unit 3723

: Examiner SHAKERI, Hadi

METHOD AND APPARATUS FOR METALWORKING USING A
COOLANT FLUID

AMENDMENT PURSUANT TO 37 CFR 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated March 3, 2005, please enter the following amendments and consider the accompanying remarks.

Amendments to the Specification begins on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Amendments to the Abstract begins on page 7 of this paper

Amendments to the Drawings begin on page 8 of this paper and include attached replacement sheets.

Remarks/Arguments begin on page 9 of this paper.


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WFSB

3. U.S. Patent 6,374,158, published April 16, 2003 (Fusaro), equivalent to EP Publication EP1125695, published August 22, 2001, discloses a laser positioned in a housing that is affixable to a robotic arm for calibrating the path and offset positioning of the robotic arm along a workpiece surface. A plasma spray gun nozzle can then be installed in place of the laser housing for directing a plasma toward the workpiece. The reference does not disclose or suggest using the laser for directing a liquid coolant from a coolant nozzle toward a machined surface, or positioning the laser within the flow path of the coolant nozzle, or replacing the laser with a plug during the machining operation.
4. The Abstract of JP Publication 07132444, published May 23, 1995, discloses a jig configured to fit removably onto the front of a fluid nozzle. The jig has a light emitter that directs light along the same axis as the fluid jet being emitted from the nozzle. The reference does not disclose or suggest providing a laser bore within the coolant nozzle in fluid communication with the flow passage, for insertion of the laser within the nozzle, or replacing the laser with a plug within the bore during the machining operation.

The Applicants request reconsideration of the rejections, in view of the claim amendments, and a prompt allowance.

Respectfully submitted,

By: 
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Date: June 7, 2005